



Phone 554-1661

# Hendron WATER DISTRICT

4410 A. T. Massa Drive  
McCracken County  
PADUCAH, KY. 42003

**RECEIVED**

SEP 04 2008

PUBLIC SERVICE  
COMMISSION

August 29, 2008

Kentucky Public Service Commission  
Executive Director's Office  
211 Sower Boulevard  
Frankfort, KY 409602

*2008-00368*

RE: HENDRON WATER DISTRICT – UTILITY INSPECTION REPORT NO. HENDRON  
WD: 060408 DATED 6/17/08

Gentlemen:

Pursuant to the Public Service Commission's Regulatory Inspection on June 4, 2008, the  
Hendron Water District is submitting the following:

- Original and 7 Copies – Deficiency Tracking Report Dated 8/29/08
- ✓ Original and 7 Copies – Water Storage Requirement Deviation Request Application

Thank you for your assistance.

Yours very truly,

HENDRON WATER DISTRICT

Don Peck, Chairman

C: Ms. Julie Roney, Supervisor, Kentucky Division of Water, w/encls.  
Hunter Martin & Associates, Inc., w/encls.

Case No: 2008-00368

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KENTUCKY PUBLIC SERVICE COMMISSION

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Water Storage Requirement Deviation Request Application

**807 KAR 5:066, Section 4(4):** Storage. The minimum storage capacity for systems shall be equal to the average daily consumption.

This form is intended to assist water utilities seeking a deviation from the requirements of 807 KAR 5:066, Section 4(4) and for permission to either maintain less water storage capacity than the average daily consumption or to obtain additional time to attain minimum storage capacity equal to the average daily consumption.

To request a deviation from the requirements of 807 KAR 5:066, Section 4(4), please complete the following application in full.

Utility: HENDRON WATER DISTRICT

Address: 4410 A. T. MASSA DRIVE

City: PADUCAH State: KY Zip Code: 42003

Telephone Number: (270) 554-1661 Number of Customers: 2,634

County or Counties served: McCRACKEN GRAVES

Are you requesting a deviation:

(  ) To maintain less water storage capacity than the average daily consumption?

(  ) For additional time to attain minimum storage capacity equal to the average daily consumption?

I. Contact Information

Please provide information for the person to whom correspondence or communications concerning this application should be directed:

Name: DON PECK Title: CHAIRMAN

Address: 4410 A. T. MASSA DRIVE

City: PADUCAH State: KY Zip Code: 42003

Telephone Number: ( 270)554-1661

II. Filing Requirements

Please submit an original and seven (7) copies of the completed application to:

Kentucky Public Service Commission

Executive Director's Office

211 Sower Boulevard

Frankfort, Kentucky 40602

Telephone: (502) 564-3940

All correspondence and responses to supplemental information requests should be sent to the above address as well.

Copies of this form may be obtained by visiting the Kentucky Public Service Commission website at <http://psc.ky.gov> and clicking on the Forms bullet in the Quick Reference, or by contacting George Wakim, Branch Manager, Water & Sewer Branch, at (502) 564-3940.

III. Questionnaire:

Please answer all questions completely, attach additional sheets as necessary.

1. Provide the average daily water consumption. This should include all water sold, utility water usage, and unaccounted-for-water. following information:

Average Daily Consumption: 605,664 GPD

2. Please provide the following information:

Total number of water storage tanks in the system: 4

<u>Type of Storage Tank</u>	<u>Capacity</u>
<u>TANK NO. 1 (STARR HILL ROAD)</u>	<u>100,000 GALLONS</u>
<u>PEDISPHERE</u>	<u>100,000 GALLONS</u>
<u>TANK NO. 2 (SUNNY SLOPE)</u>	<u>50,000 GALLONS</u>
<u>PEDISPHERE</u>	<u>50,000 GALLONS</u>
<u>TANK NO. 3 (ST. JOHN)</u>	<u>100,000 GALLONS</u>
<u>PEDISPHERE</u>	<u>100,000 GALLONS</u>
<u>TANK NO. 4 (KREBS STATION ROAD)</u>	<u>300,000 GALLONS</u>
<u>PEDISPHERE</u>	<u>300,000 GALLONS</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

3. Please provide a list of all large customers purchasing more than five (5) percent of the utility's average daily consumption. Also indicate which, if any, of these customers can sustain an interruption during emergencies.

SEE ATTACHMENT NO. 1.

<u>Customer</u>	<u>Daily Usage</u>	<u>Storage Facility</u>	<u>Capacity</u>	<u>Interruption</u>
_____	_____	( ) Yes ( ) No	_____	( ) Yes ( ) No
_____	_____	( ) Yes ( ) No	_____	( ) Yes ( ) No
_____	_____	( ) Yes ( ) No	_____	( ) Yes ( ) No
_____	_____	( ) Yes ( ) No	_____	( ) Yes ( ) No
_____	_____	( ) Yes ( ) No	_____	( ) Yes ( ) No
_____	_____	( ) Yes ( ) No	_____	( ) Yes ( ) No

4. Please provide a list of all critical healthcare facilities served by the system.

<u>Facility</u>	<u>Daily Usage</u>	<u>Storage Facility</u>	<u>Capacity</u>
NONE	_____	( ) Yes ( ) No	_____
_____	_____	( ) Yes ( ) No	_____
_____	_____	( ) Yes ( ) No	_____
_____	_____	( ) Yes ( ) No	_____
_____	_____	( ) Yes ( ) No	_____
_____	_____	( ) Yes ( ) No	_____

5. Please provide the following information:

Does the utility:

Produce water? ( ) Yes (x) No      Purchase water? (x) Yes ( ) No

If the utility purchases water, please provide the following information:

<u>Supplier</u>	<u>Average Amount Purchased</u>
PADUCAH WATER	605,664 GPD
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

6. If a supplier has storage capacity or reserves storage capacity for the benefit of your utility, please provide the following information:

<u>Supplier</u>	<u>Capacity</u>	<u>Proximity to Master Meter</u>
N/A		

7. Will your supplier issue your utility a letter of this additional storage capacity specifying whether they can sustain any of your system's interruptions to ensure you adequate continuity of service? ( ) Yes (x) No

If yes, provide a copy of the agreement or letter.

8. Please provide a technical summary of operational deficiencies of the system that are known from experience or that are indicated by hydraulic analysis. This should include a list of outages that occurred in past years, their location, the cause and duration of any outages, customer complaints, areas of low pressure, and the availability of standby equipment, repair equipment, and contractors.

LAKE FOREST SUBDIVISION IS SERVED BY TANK NO. 1. DUE TO HIGH ELEVATIONS, THIS AREA OPERATES AT ABOUT 40 TO 50 PSI. IN THE PAST YEAR THERE HAVE BEEN APPROXIMATELY 3 OCCASIONS THAT TANK NO. 1 HAS MALFUNCTIONED AND ALLOWED PRESSURES TO DROP TO 30 TO 35 PSI. AN ALTITUDE VALVE FAILURE CAUSED THE TANK TO CLOSE AND TELEMTRY INTERRUPTIONS HAVE ALLOWED THE TANK TO DROP BELOW NORMAL LEVELS. BOTH OF THESE CONDITONS ARE MONITORED FREQUENTLY BY DISTRICT PERSONNEL.

9. Please provide information on the growth potential for the system. This should include the number of new customers added per year and the possibility of extensive development (i.e. new subdivisions, businesses, etc.)

THE GROWTH POTENTIAL FOR THE DISTRICT IS GOOD AND CONTINUES TO ADD APPROXIMATELY 60 CUSTOMERS PER YEAR. THE LATEST DEVELOPMENT IN PROGRESS INCLUDES APPROXIMATELY 70 NEW LOTS THAT WILL BE OCCUPIED IN THE NEXT 3 TO 4 YEARS.

10. Please describe any planning, to date, to bring the system into compliance with Commission regulations. This should include efforts to secure financing for the construction of additional storage facilities, as well as the estimated compliance date. If no planning has taken place, please explain why.

THE DISTRICT CONTINUES TO WORK WITH PURCHASE AREA DEVELOPMENT DISTRICT IN AN EFFORT TO SECURE FINANCING FOR A NEW ELEVATED TANK. THE DISTRICT IS ALSO HAVING PRELIMINARY DISCUSSIONS WITH PADUCAH WATER REGARDING A JOINT EFFORT TO CONSTRUCT A NEW TANK THAT WOULD SERVE BOTH ENTITIES. THE ESTIMATED TIME TO SECURE FINANCING IS 3 TO 5 YEARS.

IV. Signature:

I have read and completed this application, and to the best of my knowledge, all the information contained herein is true and correct.

Signed: Don Peck

Title: DON PECK, CHAIRMAN

Date: AUGUST 29, 2008

Melinda A. Ernst  
July 1, 2005

SERVICE: W WATER ACCOUNT RANGE: ALL ACCOUNT CLASS RANGE: A THRU Z  
 RATE TABLE(S): ALL MASTER METER RANGE: ALL

	ACCOUNT	CUSTOMER'S NAME	SERVICE ADDRESS	CITY	ZIP CODE	AC	MTR	RT	#B	AVG USE	TOTAL USE
1.	41-0100-01	NAUTILUS	950 STONEBROOK	PADUCAH	42003	R	W6	12		114.3	1371.6
2.	45-0400-01	JAMES SANDERS NURSERY	4123 SCHNEIDMAN ROAD	PADUCAH	42003-3598	C	W5	12		109.1	1306.7
3.	42-1520-02	DAVID NELSON	225 HUNTING CREEK	PADUCAH	42003-8762	R	W4	3		105.1	315.3
4.	46-1506-01	DAN WHITLOCK	115 FOREST RDG CV (S/S)	PADUCAH	42003	R	W4	2		99.9	199.7
5.	42-1359-01	EADS LANDSCAPE & GARDEN	1450 BLEICH RD	PADUCAH	42003	C	W6	12		89.4	1072.3
6.	41-1130-03	THRESHING FLOOR MINISTRY	760 BERGER DRIVE	PADUCAH	42003-4508	R	W4	7		68.5	479.4
7.	55-1145-01	COMMUNITY CHRISTIAN ACAD	A/C FROM 6150 IN FIELD	PADUCAH	42003	P	W0	10		67.7	676.6
8.	41-0350-03	MCCRACKEN CO BOARD OF ED	435 BERGER RD	PADUCAH	42003-4501	R	W6	12		65.1	781.3
9.	46-1320-03	KAREN STONE	237 LAKE POINTE DR	PADUCAH	42003-8752	R	W3	2		53.7	107.3
10.	41-0370-03	MCCRACKEN CO BOARD OF ED	435 BERGER RD	PADUCAH	42003-4501	R	W6	12		52.6	631.4
11.	41-1009-07	TODD & KIM YOCUM	3735 CARMEL LANE	PADUCAH	42003-5167	R	W1	7		50.6	354.8
12.	42-1900-01	EADS LANDSCAPING	805 STARR HILL RD	PADUCAH	42003-8731	C	W6	12		48.1	576.6
13.	49-0235-01	BUNZIL-PADUCAH	3525 SCHNEIDMAN-SPRINKLR	PADUCAH	42003-3551	C	W4	8		45.2	361.9
14.	41-0350-02	WOMEN AMARE INC	STONEBROOK DR	PADUCAH	42003	R	W4	12		38.4	461.3
15.	55-0652-01	DR BERNARD HAYDEN	3929 OLD 45 (SPRINKLER)	PADUCAH	42003-5791	R	W0	8		37.4	299.4
16.	42-1503-01	RONALD GODDE	215 HUNTING CRK-SPRINKLR	PADUCAH	42003-8762	R	W4	4		36.8	147.2
17.	42-2014-02	JAY CAMPBELL	500 PARKER RD	PADUCAH	42003-8023	R	W4	12		36.8	441.8
18.	46-1531-01	PDNA CORAM	145 FOREST RDG CV (S/S)	PADUCAH	42003	R	W4	12		35.8	429.6
19.	42-1595-02	MARY KOTTER	230 HUNTING CRK-SPRINKLR	PADUCAH	42003-8762	R	W4	4		35.6	142.3
20.	42-0950-04	K C'S GRILL	5601 OLD MAYFIELD RD	PADUCAH	42003-9271	C	W1	7		35.5	248.8
21.	44-0210-02	DEBRA J BROWN	1300 KREBS STATION RD	PADUCAH	42003-8858	R	W4	12		34.4	412.7
22.	46-1821-01	GARY BOYARSKI	425 FOREST RIDGE-SPRINKLR	PADUCAH	42003-8027	P	W4	7		34.2	239.3
23.	46-1781-01	THOMAS HARDESTY	445 FOREST RIDGE-SPRINKLR	PADUCAH	42003-8027	R	W4	8		32.7	261.5
24.	55-0673-01	JUDITH HEATH	5 BARRINGTON-SPRINKLER	PADUCAH	42003-8095	R	W0	8		31.7	253.9
25.	54-1296-01	TOM LOGSDON RD	165 KEN LN (SPRINKLR)	PADUCAH	42003-8803	R	W0	6		31.6	189.7
26.	42-1574-02	DAVID SYKES	130 HUNTING CREEK	PADUCAH	42003-8761	R	W4	12		31.2	372.6
27.	45-0292-02	DAKOTA ACRES	1045 STARR LANE	PADUCAH	42003	C	W1	12		30.8	369.2
28.	42-1910-03	KEITH EADS	669 STARR HILL RD	PADUCAH	42003	R	W1	12		29.5	353.7
29.	45-0291-02	DAKOTA ACRES	1045 STARR LANE	PADUCAH	42003	C	W1	12		28.8	346.1
30.	46-1751-01	BRYAN K FERFIELD	455 FOREST RIDGE-SPRINKLR	PADUCAH	42003-8027	R	W4	7		27.7	193.9
31.	55-0869-01	ALLYN MOORE	79 BARRINGTON-SPRINKLER	PADUCAH	42003-8095	R	W0	7		27.7	193.8
32.	55-2210-01	DENNIS WURTH, JR.	1250 LEBANON CHURCH RD	PADUCAH	42003-9289	P	W2	12		27.7	331.8
33.	55-1185-01	LEN RAWLINGS	230 WILLOWCREEK-SPRINKLR	PADUCAH	42003-8028	R	W0	3		27.4	82.1
34.	46-1332-15	GEORGE WARREN	255 FOREST RIDGE-SPRINKLR	PADUCAH	42003-8024	R	W4	7		27.4	191.6
35.	45-0290-02	DAKOTA ACRES	1045 STARR LANE	PADUCAH	42003	C	W1	12		27.3	327.7
36.	42-1020-01	BUDDY HICKS	6MR HSE BY PARTS AUG	PADUCAH	42003	R	W1	12		27.2	326.8
37.	46-1341-15	RICK SUTTON	225 HIGH POINTE-SPRINKLR	PADUCAH	42003-8019	R	W4	7		27.1	189.5
38.	45-0942-08	BRITTIANY BYRD	4416 SCHNEIDMAN ROAD	PADUCAH	42003-3514	R	W1	8		27.0	216.1
39.	46-1571-02	GRAHT KING	220 FOREST RDG CV (S/S)	PADUCAH	42003-8035	R	W4	12		26.2	314.5
40.	45-0155-02	DAKOTA ACRES	4016 SCHNEIDMAN ROAD	PADUCAH	42003	C	W1	12		25.8	309.2
41.	46-1641-02	E DREW ASHLEY	270 FOREST RDG CV (S/S)	PADUCAH	42003-8035	R	W4	6		25.2	151.2
42.	52-0570-09	DANIEL BAMES	625 WADESBOURD ROAD	PADUCAH	42003-1077	R	W2	12		24.7	296.9
43.	49-0620-07	KATASHA WHITE	1204 LACKEY STREET	PADUCAH	42003-3472	R	W1	11		24.8	263.5
44.	46-1332-16	KEITH MASON	255 FOREST RIDGE-SPRINKLR	PADUCAH	42003-8024	R	W4	2		23.9	47.8
45.	46-1595-01	JOHN DAVIS CONSTRUCTION	225 FOREST RDG CV (S/S)	PADUCAH	42003	R	W4	12		23.8	285.7
46.	45-0860-02	RANDALL GRIGGS	HARPER & HERZOG ROAD	PADUCAH	42003	C	W1	12		23.1	277.2
47.	53-0145-01	RICK MCCOMBS	2400 LOV-FLO-STA-RD E	BOAZ	42027-9533	R	W0	12		23.0	275.4
48.	41-1131-02	THE ROCKING HORSE	760 BERGER RD	PADUCAH	42003-4508	C	W4	12		22.9	274.9
49.	42-1585-04	ANNE AYDT	135 HUNTING CRK-SPRINKLR	PADUCAH	42003-8761	R	W4	6		22.7	156.3
50.	44-0920-01	HAROLD WOOD	6465 OLD MAYFIELD RD	PADUCAH	42003-9264	R	W1	12		22.7	271.8
51.	46-1339-15	DEBBIE JONES	205 HIGH POINTE-SPRINKLR	PADUCAH	42003-8019	R	W4	8		21.9	175.4
52.	46-1351-15	DR J D JOHNSTON	120 HIGH POINTE-SPRINKLR	PADUCAH	42003-8012	R	W4	8		21.5	172.3